BISBEE, ARIZONA, SUNDAY MORNING, MAY 9, 1909.

NO. 109

WARREN DISTRICT CONTINUES IN OLD PROSPERITY GROOVE IS MINE WORK

Copper Situation is Showing Improvement, According to Advices from the East-Surplus Stock Shows Decrease for April-Production From Warren District Slightly Less Than for Month of March-Workings in Denn Show Favorable Indicatons-Shattuck's Ore Body On Six Hundred

While there is nothing of special importance to relate concerning the operations in the Warren district, still the general conditions are reported to be entirely satisfactory. Encouraging news have been received during the week from the financial and metal centers in the east. The price of copper has had a slight advance and the feeling seems to be geeral that it will now continue on the up grade. The report of the Copper Producers' association on the production and deliveries for the month of April is expected next Monday, according to advices. Advance information an this forthcoming report is to the effect that it will show a reduction in the surplus stock of copper on hand in this county for the first time during

surplus stock of copper on hand in this county for the first time during the year. According to the reports of this association for January, Pebra ary and March the surplus copper stock was increased during these months 59,922,639, beginning with an increase of 21,772,579 in January and ending with an increase of \$295,654 in March. The figures for April are expected to be approximately an actual decrease in the surplus for that month, with a production of \$110,000,000 and deliveries of 112,000,000.

Locally ore production remains at about what it has been during recent months. The number of men employed in the mines of the district is approximately 4,000 and the question of curtailing the ore production or the forces have never ben even considered. This information comes from the highest authority and is emphasized here because of a good many silly reports recently concerning the probability of laying off men by this company or that and to the effect that ore production is to be materially reduced. Such idle reports are favorable conditional on employment. It is made to say that it any purpose of the kind was agreed on it would be rande known by those in authority.

TOMRSTONE, May 8.—The devet-topment work on the properties of the Tombstone Consolidated company s probable consolidated company s probable to approach the projected plans as were outlined in these columns last week. A large new compressor which has been ordered is expected to arrive secon and will be installed on the 1000-foot level. The work of preparities for the first time of production of the oil burriers at the West Side is about completed and it is expected that a change can be made in the free within a short livel. The work of preparities for the first time now. The work at the Tribute, we will be probabled to the projected plans as were outlined in these columns last week. A large new compressor which has been ordered is expected to arrive account and will be installed on the 1000-foot level. The work of preparities for the first time and t agreed on it would be rande known by those in authority.

Estimate of the value of ore in the

not less than 15 per cent copper.

iled in their new quarters. All the old

PLATINUM AT SYLVANITE Fred Bend is in Bisbee from Sylvan-

THE COPPER QUEEN.

The Copper Queen red ction works pounds of copper during April, about 250,000 pounds less than the March production. Seven blast furnaces are in commission and the May roduction will not vary far from that of April. Ore production is practically the same now as for April. The work of connecting all the Queen shafts with connecting all the Queen shafts with the Sacramento hoist is being con-tinued in many places. Extra effort is being exerted in hurrying a con-The event of the past week in Cal-umet & Arizona and Superior & Pitts-burg circles was the moving of gen-eral office headquarters from the old location of the Oliver shart to the nection between Sacramente and the Lowell at the 1400-level. This drift is being pashed both from the Lowell and from the Sacramento. To still further faciliate, this work a winzeis being sunk midway between the two shafts from the 260-level. When the winze reaches the 1400-level then work will be started each way from it on the connecting drift. A double service electric hoist is being in stalled at the 1200-level of the Sacramento for the purpose of hoisting the rock from the 1400 drift and from the ...

As to the mine work of these comshaft which is to be cut to the 1600 panies there is nothing to report for level. When the Sacramento shaft reaches the 1600 level it will be below the bottom of all other Queen work-ings in the district and at that depth will serve its purpose for a long time. At the Spray shaft a reheater is being installed for supplying compressed air given installed for supplying compressed air work in the lower levels constituted by the shaft for holstic which will income to being supplying compressed air that the force employed remains at practically the normal since the beginning of the present year. Develop-installed for supplying compressed air means work in the lower levels constituted to the sacraments of the present year. installed for supplying compressed air ment work in the lower levels con-at that shaft for hoisting which will times to bring most satisfactory redo away with the necessity for the former boiler plant which will be dis-

The new crossout started north in the Dean last week has proceeded that the Dean last week has proceeded that the Dean last week has proceeded that the news of a reported discovery of platfaum. This platfith Dean last week has proceeded the news of a reported discovery of platfaum. This platfith Dean last week has proceeded the news of a reported discovery of platfaum. ledge matter, reliow altered lime and sample sent him by Hughes and Henoxide of numerone, carrying a trace ley, owners of claims in the Sylvanof copper. This drift is going under its district. The assay showed that the bill in the coposite direction from the sample carried platinum to the the Junction. The present indications amount of one cunce to the ton. This cortant results may be announced in produced in the United States in the

SATISFACTORY AT TOMBSTONE

Additional Ore Bodies in Properties of the Tombstone Consolidated.

ANNUAL MEETING OF ARIZONA MINES COMPANY

Philadelphia Capitalists Arrive to Start Extensive Work in Johnson District.

TOMESTONE, May 8.—The devel-

To Attend Stockholders' Meeting. Fred C. Eckhart of Ft. Wayne, in-dena: Frank Palke, of the same city, and C. L. Wright of Webb City, Misrouri, arrived here yesterday to atand directors of the Arizona Mines and directors of the Arizona Mines economy which is to be held in this city on Monday next. Other stockholders from the east are expected to arrive tomorrow and Monday. The company is the owner of a number of claims in the South Pass district about eleven miles northeast of here has well as the Grims noney and as well as the Gringo proper y av-Patagonia. J. J. Wyatt is general numnager of the property and will be able to prepent a first cleas re-purt of the operations of the comsplendid new office building at War-ren. All the heads of the various de-partments are now comforably setpany during the nast year to the stockholders and directors.

On- Way to Properties.

Nelson A. Brown and A. C. Harier, prominent Philadelphia capitales arrived here last evening on office building as the Oliver shaft are to be torn down, except the one for-merly occupied by the engineers. In this building the mine foreman and heir way to Johnson, where they are their way to Johnson, where they are interested in a number of properties. Mr. Brown has the honor of being the sheriff of the district of Philadelphia and is a prominent politician of that city. The gentlemen are the heaviest stockholders in the Arizama United Mines company which owns a group of fifteen claims in here for the purpose of starting some extensive development work. ome extensive development on the property. While in the city they were in consultation with At-torney Chas. Bowman, who is the legal representative of the company

Representatives of the Calumet & he city on yesterday and us a con-Signature a well known Tombstoner is \$10,000 better off, P. B. Warnekron was the fortunite party and the mon-ey came to him as the second pay-ment on the Poorman mine which the company has an option on in the Courtiand district. The bond on the pound the setting price left to 1. Courtiand district. The bond on the cents, and with a very sluggish marpurparty calls for the sum of \$50-ket even at this. Many mines were 900 of which amount Mr. We nekros has received to date \$15,000, the other of those ceasing producing entirely \$5,000 having been paid at the time the outloo was taken about six has received to date \$15,000, the other \$5,000 having been paid at the time the option was taken about six months since. The balance of the ment had the opportunity to improve menty is due in other payments the plant. Such a work could be better than the plant of the plant.

Receives Deed from Sheriff

WONDERFUL WORK AT GREENE-CANANEA AS SEEN BY PROMINENT MICHIGAN MINING MAN At no property visited by the editor

complehed as at the mines of the Greene Cenanea company, located at Cananea, State of Sonora, Mexico. From this it may be judged that at no other was there opportunity for betterments, but while this is in measure true, there were excuses for the former conditions. Col. W. C. Greene, at the head of the older or sanization, began at the grass roots
At the outset he did no realized jus
how vast an enterprise he was to bring from the ores that outcroppe oring from the ores that outcropped at this location. He began in a modest way, as befitted a person of ordinary prudence. He had first to prove the value of his mine. The nearest reduction works were some distance away, in the state, and his first shipments were made by bull terms. shipments were made by bull keams, carting the ore many infles to a railway, where they could be hauled thence to a smelter, it was not a business demanding expensive mine

interprise moving and to returning something for the capital that had been put into it. Copper was selling at better prices than now, eres were neard: the surface and were very rich. The initial plants served the purpose of these times and for the ecuditions then met in the mines. He knew the weak points in the plant and he was looking for skilled men to put in charge but men of that stamp were probably not locking for positions in Mexico, the states do manding them, and they preferred to do business in their own country. The gentleman now in charge of he are fairs of Greene Canenes, was sold ited, but be could not conscientleusly leave them until his task was completed. it is eavier to talk changes than to make them, and Colonel Greene continued with the equipment he had.

He was a very busy man, with a great diversity of interests all de-manding his time. All needed money deficknoles.

ing the business of the entire country. | The cres of these bins are care-Including of course, copper as well as the fully assayed before being sent to the pound the selling price fell to 11 line of selling price felling price fell to 11 line of selling price felling price fellin

ter prosecuted while the mine was

WASHINGTON. May \$\$-By\$ this plirth rate or by an increase in figures there was average than endeavor to find out how high it is. Thing the causes, which have continued alone approximate \$\$A\$ for the co takes foll from such prolonged, nerve-tracian; exertion, but we are glad to say that Colonel Greene is about as well as ever has recalled his former well as ever has recalled his former continental population.

In 1907, or therealoust there was p salty continue to disagree until the census is actually taken continental United States will show a population of above hilly show a population of above holds are founded by the company of pittsburgo ne of the largest orders the company has a very bright type and is on top of the world, with the same and is on top of the world, with the ore largest orders the company of the largest orders the company of the largest orders the company has been a large failing off in European immigration which at one time was flowing that the is financially able to take sood care of himself. Also that he has many excellent properties that pile and delivering it through a short

Complete Revolution in Manner of Operation at the Great
Sonora Copper Camp—Dr. Ricketts Has Effected Enormous Saving By New and Economical Methods—
How Col. W. C. Greene Brought Cananea Into World

Solution of Copper Camp—Dr. Ricketts Has Effected Enormain was already lain along the route waiting to be coupled up. It is estimated that a saving of fifty per cent in the present cost of stupplying air will be effected which will be important. The service will also be much

The plant of a year ago may look an-tiquated today, so sapid do some things come along, so it was not at all things come along, so it was not at all surprising that Greene Cananea could have been improved. The change in management carried with it the very best brans in the minng world, men whole life had been devoted to the industry. Very naturally they brought with them something in the way of ideas, and these have been put into practice, the result attending them. practice, the result attending them being of a highly satisfactory character.

His Splendid Organization

thence to a smelter. It was not a business demanding expensive mine heisers of concentrating works. Istead a let of Maxicans were employed a let of Maxicans were employed with picks and shovels and wheel barrows. A few holes blasted in the prominent croppings broke are enough to easily keen the bull teams moving. They were not a very rapid means of locomotion. The colonel was feeling his way.

Mine Was Developed Rapidly Gradally, but still faster than he and planning and figuring, were obtained planning and figuring, were obtained and machinery was brought in to swell the didner of the locomotion. Thus we find today a planning and figuring, were obtained to successe. He not only possesses rare skill he all that goes to make the mine grew, railroad facilities, after much hard planning and figuring, were obtained to swell the output from the mine Later of security board and machinery was brought in to swell the output from the mine Later of securities of the various departments at which there is an accepted as the best there is a meeting of the heads of the various departments at which there is an accepted as the best there is a meeting of the mining are constituted being no stopages. The big drag, or harrow, with its teeth and stock secured with the tearing down of the old planning over a great mass of staff. In all that goes to make the mine grew, railroad facilities, after much hard planning and figuring, were obtained to swell the output from the mine Later of security board and with great enthusiasm in their respective heads of the various departments at which there is a meeting of the heads of the various departments at which there is a meeting of the heads of the various departments at which there is a meeting of the heads of the various departments at which there is an extra traveling british comministion of the one in use. Every secured with the claim of the one in use. Every secured with the claim of the one in use. Every secured and atook secured with the claim of the one in use. Every secured with the by the members, and each is beating his brains to present something that will be of value in the general scheme, which is the lowering of costs and great good has followed this friendly opering to of things, every who has the greatest respect of his associates and all the people, and who delights in the knowledge that is appreciated. He has to perform much to meet the expectations of his

Surface Shows 11 -- 1 12 gas. One who has not visited the property for a year past is attracted by and it took splendid generalship to the many changes that appear on the keep all these things in motion surface. At the receiving end, where throughout all sorts of financial wenthe over conceptrators ther. Some of his associates failed go directly from mines to blast fur-him at critical times, requiring extra maces, a long line of ore blas having effort on his part to make up their been added to the former number. in the stress of his affairs he in tween 4000 and 5000 tons, have hop-Then came the industrial trouble the ores upon a Rebins' conveying brought about by a mixture of things belt, which takes them to their destination, the fielding yards.

reciprocating can under its discharge

Experis will show and they will show and they will show and they will show and they will probably continue to disagree until rafter the census is actually taken after the census is actually taken. Times became a little bit harder, dale company of Pittsburgo ne of the largest criders the company has been installed and condensing system and the plant of the take of cases. There began to be seen a give receivel for underground copposed and below 90,000,000 and below 90,000,000 people. Nobody knows what the ratio of increase is. It varies sometimes in the most inexplicable way. During a cresperous period immigration is stimulated and the population of seen where they could and the population grows a three convexing below that the seasy office for ships of 1,000,000 in gold bars have been made at the assay office for ships of simulated and the population grows stimulated and the population of Pittsburgo ne of the company of Pittsburgo ne of the take of the company of the take of the ore o the ore down the face or front of the the plant it means much to the com-

The reader can readily see where very great saving 'u ore handling over the old method is saved by this new plant, which is one of the most per fect of its kind to be found anywhere The splendid management of the Greene Cananea company were highly fortunate in being able to secure

cerning the mining, concentrating, into hoppers connected with the smelting and many other things associated with such a great enterprise directly into the furnaces, or upon the as this. These weekly meetings are feed floor in front, according to the looked erward to with much interest needs of the tenders. The coke is feed floor in front, according to the needs of the tenders. The coke is handled with equal facility. There is being handled a tonnage of about 70,000 monthly from the mines of which about 30 per cent is direct smelting, the balance being concentrated. This volume is carried on those endless belt conveyors easily. Giving the reader some idea of the saving of men on the feed floors alone, two hundred and fifty compared with the old recorded and fifty compared with the old frieedly opering to of things, every frieedly opering to of things, every belt conveyors reader some idea of the saving of men on the feed floors alone, two number accomplishments, as they have dred and fifty compared with the old dred and fifty compared with the old member, are dispensed within twentygood reason to, the gains having number, his dispensed within twenty four hours. This shows what imthe end not yet reached in this degived direction. The company has in means to the company, and this is made water sprinkler has been prowho has the greatest respect of his in the cost. Men formerly engaged into the cost. Men formerly engaged into the cost. Men formerly engaged early combustion in the furnace and ferred to some of the new mining also lessens the properties of the company, or put at waste in the pile. propagating work at various locations.

> worked to top capacity to provide the needed steam, is now a very quiet is a very good compliment of tools room, only three out of the former eleven boilers being in operation.
>
> At the Concentrators.

lime or other elements demanded for ing, mention of which from Ore made perfect operation in the smelter, the in an article on Bisbee last week. n article on Hisbee last we Entire Change in Smelters.

reciprocating pan under its discharge opening, so placed as to prevent any flow of ore over it unless it is in motion. Its stroke and inclination are edustable as is also the size of the triet of the hopper.

The Ore Bedding Arrangement.

The ore bedding yard contains been rebuilt. Shells are handled by the properties of the propertie

permitting activity even in these times when the market is immentably low. Combined with the savings in

will be effected which will be import-ant. The service will also be much better as there will be plenty of pres-sure for the drills and other purposes even at the most remote points to which it will be forced. The fornight which it will be forced. The forcida-tion of the new compressor is a fine one or roomy and substantial charac-ter, and contructed by men employed about the mines where there are many skilled mechanics in this line. The Mexicans are well up in stone and concrete work, and some of the firest dry and wet walls seen any-where are found in their country. The coverete is made under well known formulas, and is of the very best. The task of installing the new compresser nik of installing the new will soon be finished

Scrap Piles Are Classified There's a system observed in the conducting of affairs of the Greene

these being both upon the main sup-ply tanks as well as upon the smaller delivery tanks for the several uses to which it is put. In this way a very

A new coundry and machine The Greene Cananea company has a new 100-foot reverberatory furnace treating its fice dust and fines. The waste gases from this furnish 750-horse power, or 1,000 engine horse power. The power horse of the old days, where men were so thick they touched one another in their movements, and where eleven boilers were worked to too capacity to provide the enterprise. In the machine shop there

rich processitative of the company in this section and he expects to leave, in company with the two gentiem in this section and he expects to share the responsibility of charge is automatically released, as leave, in company with the two gentiem in the next few days.

Made Another Payment, Representatives of the Calumet & Representatives of the Calumet & Representatives of the Calumet & David Cole, in charge of this depart. desired. This shaker feeder dreps the ores upon a Robins' conveying belt, which takes them to their destination, the bedding yards.

as we have stated, 1,996 engine horse has been instilled, and two new mills of the Chilian type, devised by Mr. David Cole, in charge of this department, and who is also the able first avery large sum daily in the coars. seen at a glance that this amounts to a very large sum daily in the operation.

ment, and who is also the able first assistant to Dr. Ricketts, have been placed in the fines department where care itom.

It is such a furnace as this that they are doing excellent service. Mr. Messrs. Powell and Wood, of the Callion.

Iron. unset & Arizona company are considered for ing, mention of which iron Ore made in an article on Bisbee last week.

It is such a furnace as this that they are doing excellent service. Mr. Cole has also improved the old rolls by his special patern and which are manufactured at home. At the old mill a new foundation has been put. comissions are supplied, so that when the beds in the yard are filled they are made up of perfect furnace charge, better mixed than coud be done by hand and needing very little in the way of labor to prepare. The shaker feed car is mounted on a carriage astride of the conveyor and with a reciprocating ran under its discharge of the conveyor and with a reciprocating ran under its discharge of the conveyor and with a reciprocating ran under its discharge of the conveyor and with a reciprocating ran under its discharge of the conveyor and with a reciprocating ran under its discharge of the conveyor and with a reciprocating ran under its discharge of the former construction. Fortnerly the water to supply the containing the insound timbers of the former construction. Fortnerly the water to supply the containing the insound timbers of the former construction. Fortnerly the water to supply the containing the insound timbers of the former construction. Fortnerly the water to supply the containing the insound timbers of the former construction. Fortnerly the water to supply the containing the insound timbers of the former construction. For the plant of the containing the insound timbers of the former construction. For the plant of the containing the insound timbers of the former construction. For the plant of the containing the former equiples and in the plant of the Greene that the containing the former equiples and in the plant of the former equiples and in the former was lifted to tanks at the Cobre-Grande, from which later point it

The new ones will all be installed in the near future.

At the crushing plant a condenser

WILL ENDEAVOR TO SIZE UP TAFT

Experts Disagree on Estimates. Experts disagree as to what the new figures will show and they will

WASHINGTON, May 8.—By this birth rate or by an increase in the time next year the country will begin death average. Duing the last ten week a deed from John F. White an

continental population.